

FIG. 1

Effect of pH and ageing on percentage phosphate
binding of mixed metal compounds

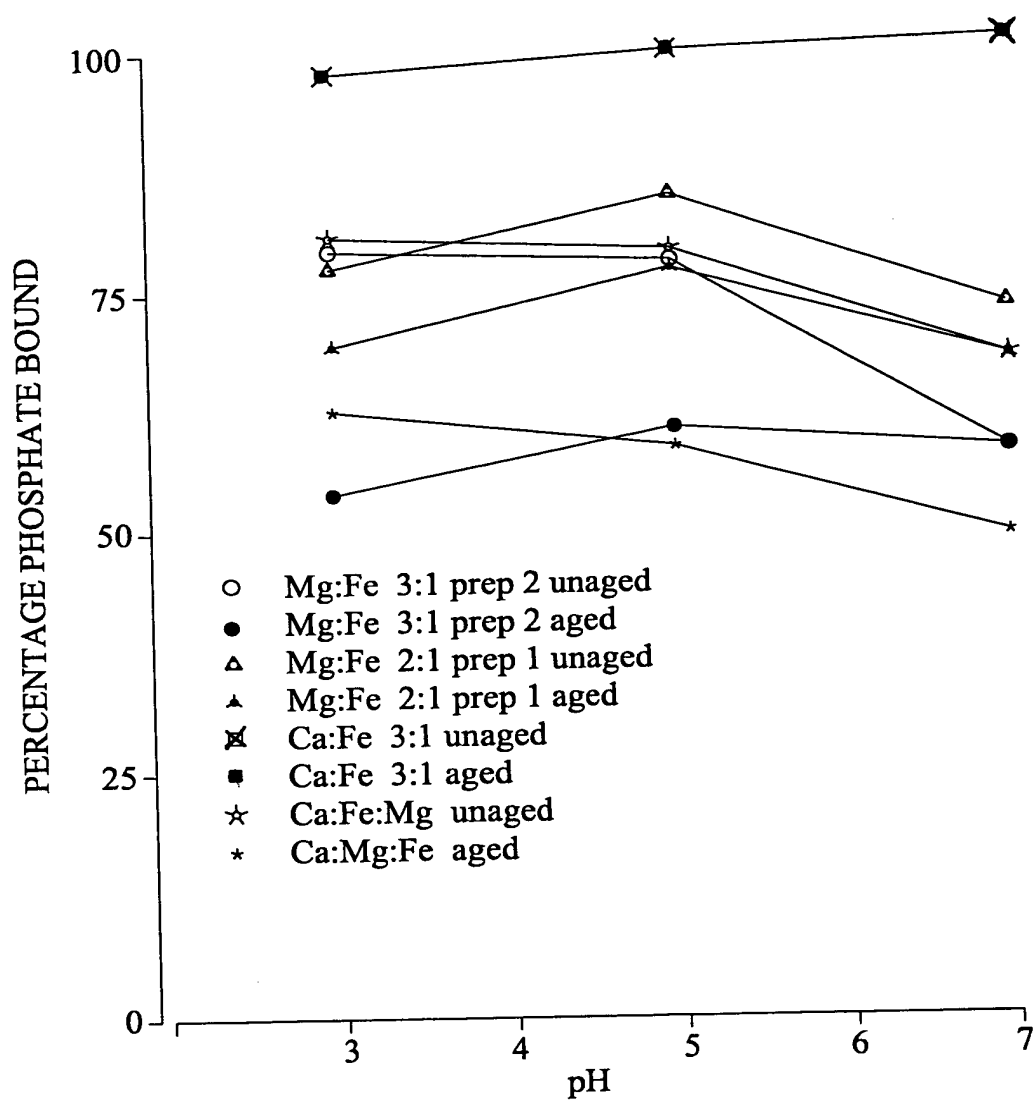


FIG. 2

Effect of pH and drying on percentage phosphate binding of mixed metal compounds

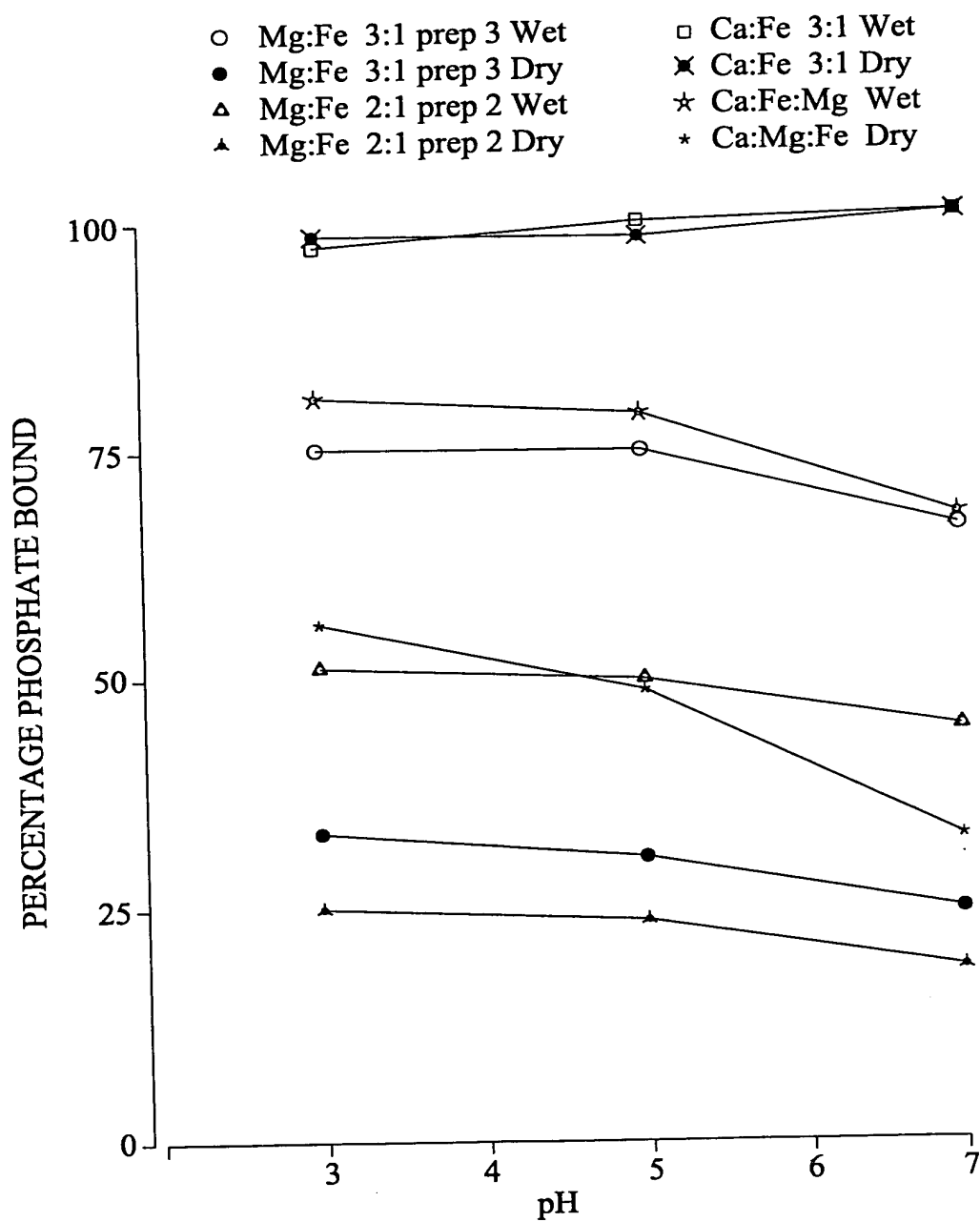


FIG. 3

Effect of increasing weight of compound on percentage phosphate bound at pH3

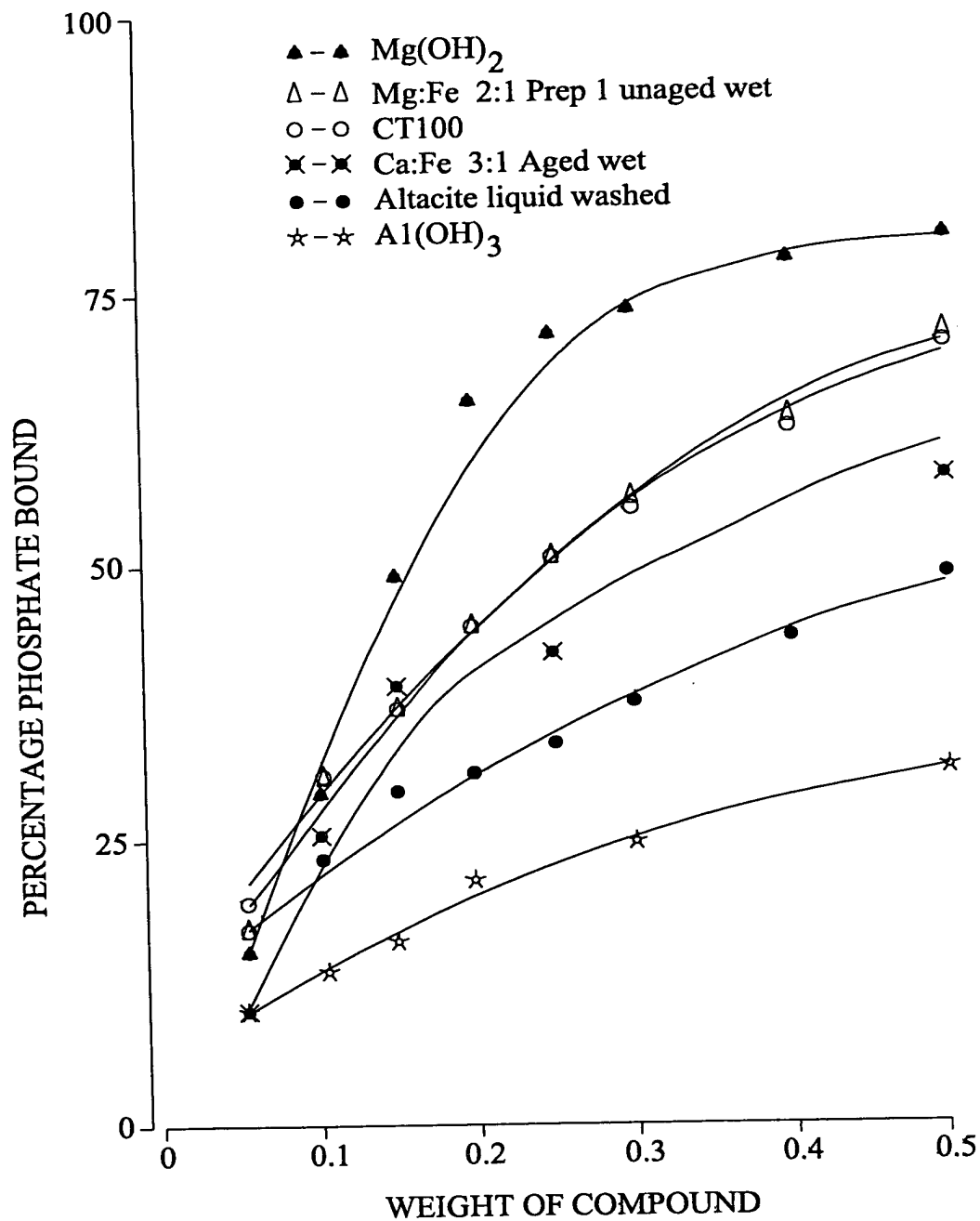


FIG. 4

Effect of increasing weight of compound on percentage phosphate bound at pH7

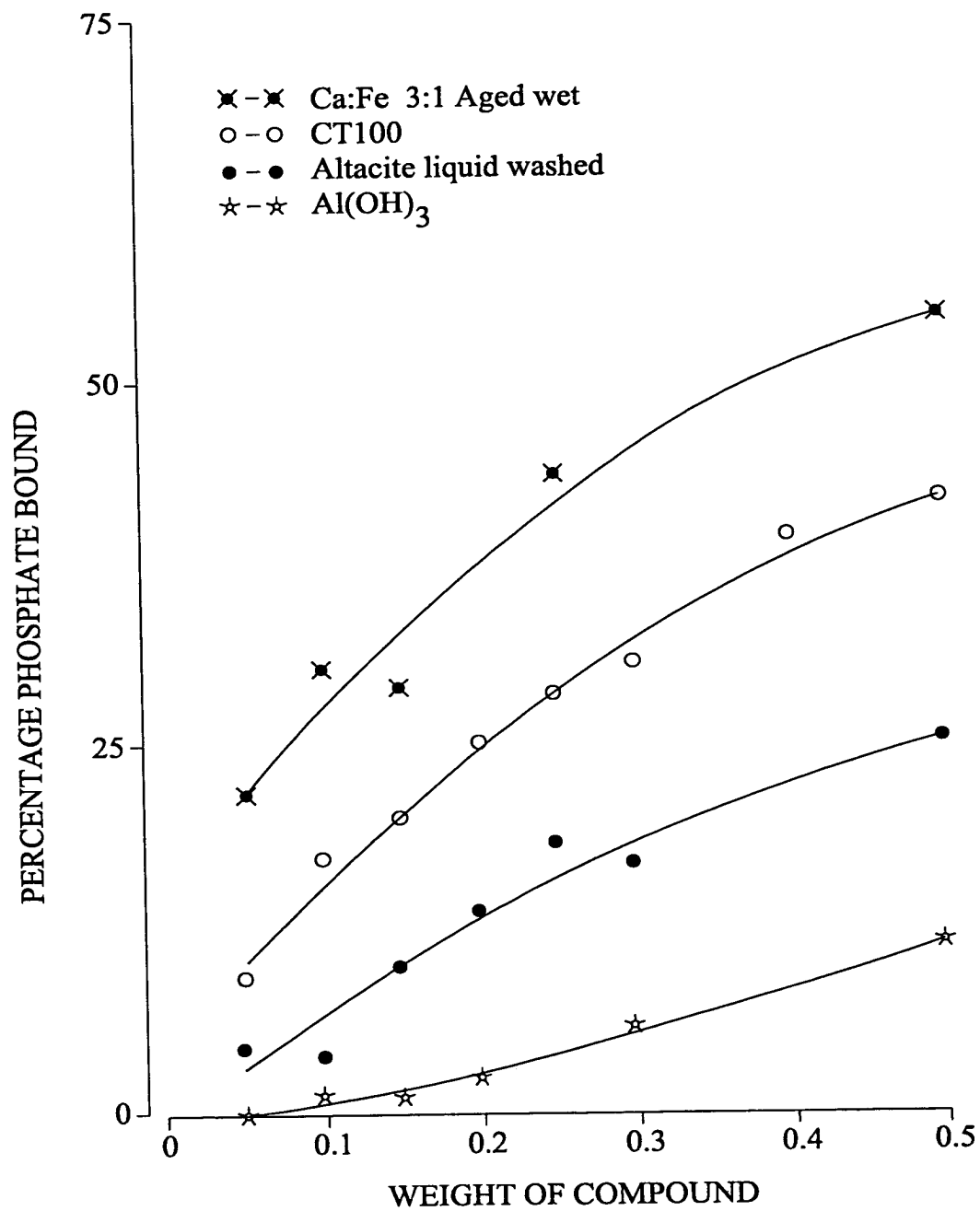


FIG. 5

Time course of phosphate binding in food

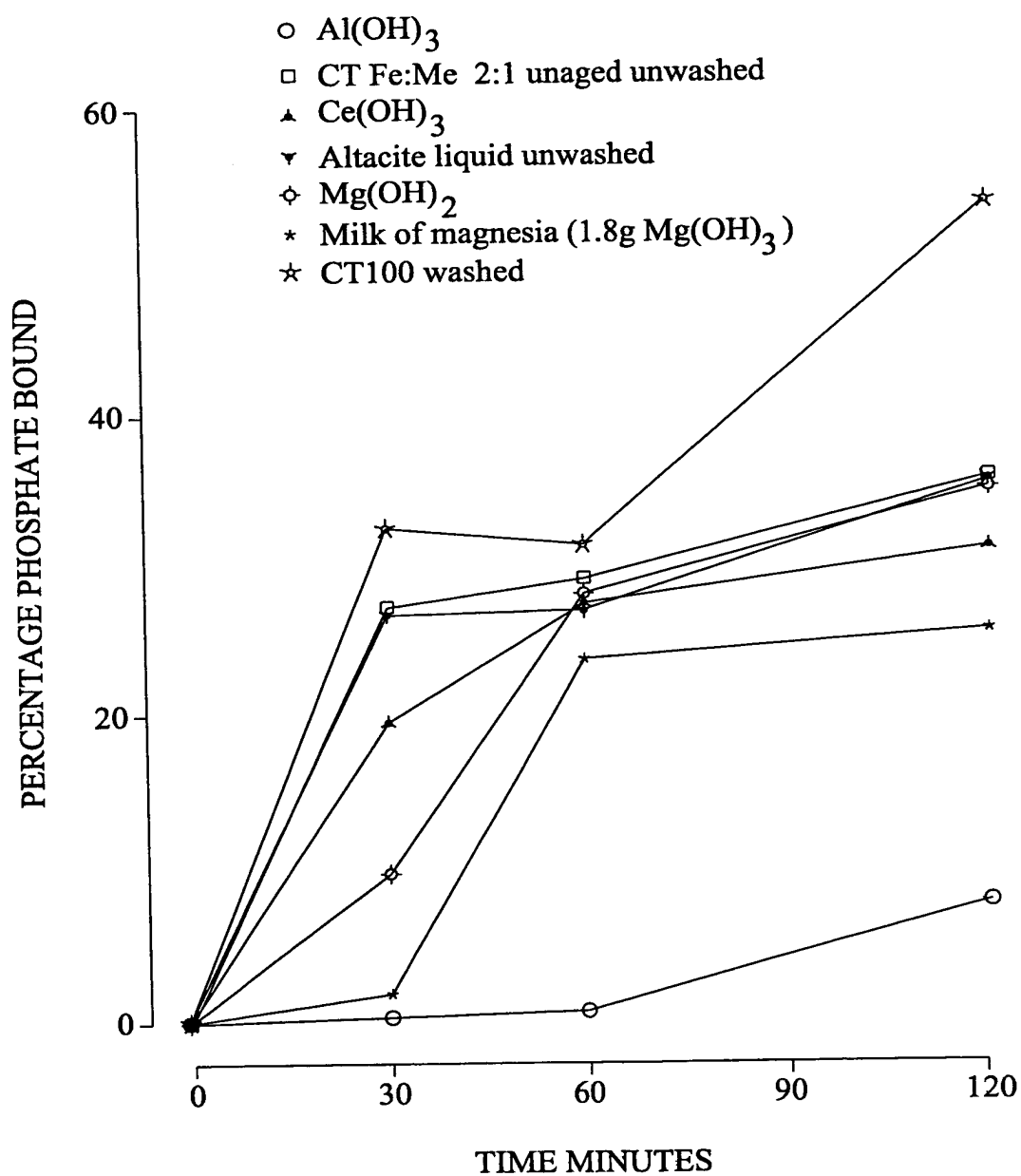


FIG. 6

Phosphate binding by the calcium ferric iron preparations
over the pH range 3-8

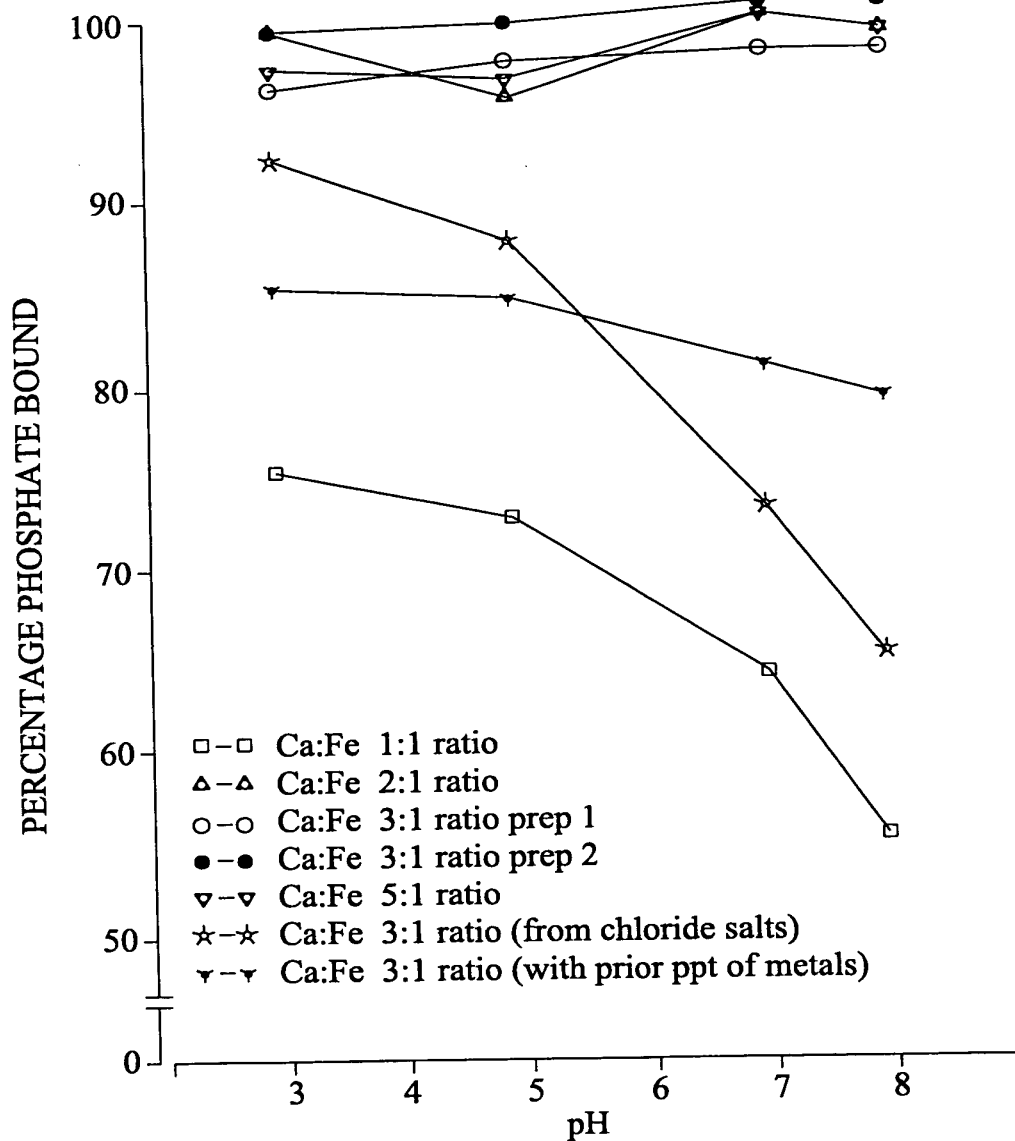


FIG. 7

Phosphate binding by the magnesium ferric iron and calcium magnesium ferric iron preparations over the pH range 3-8

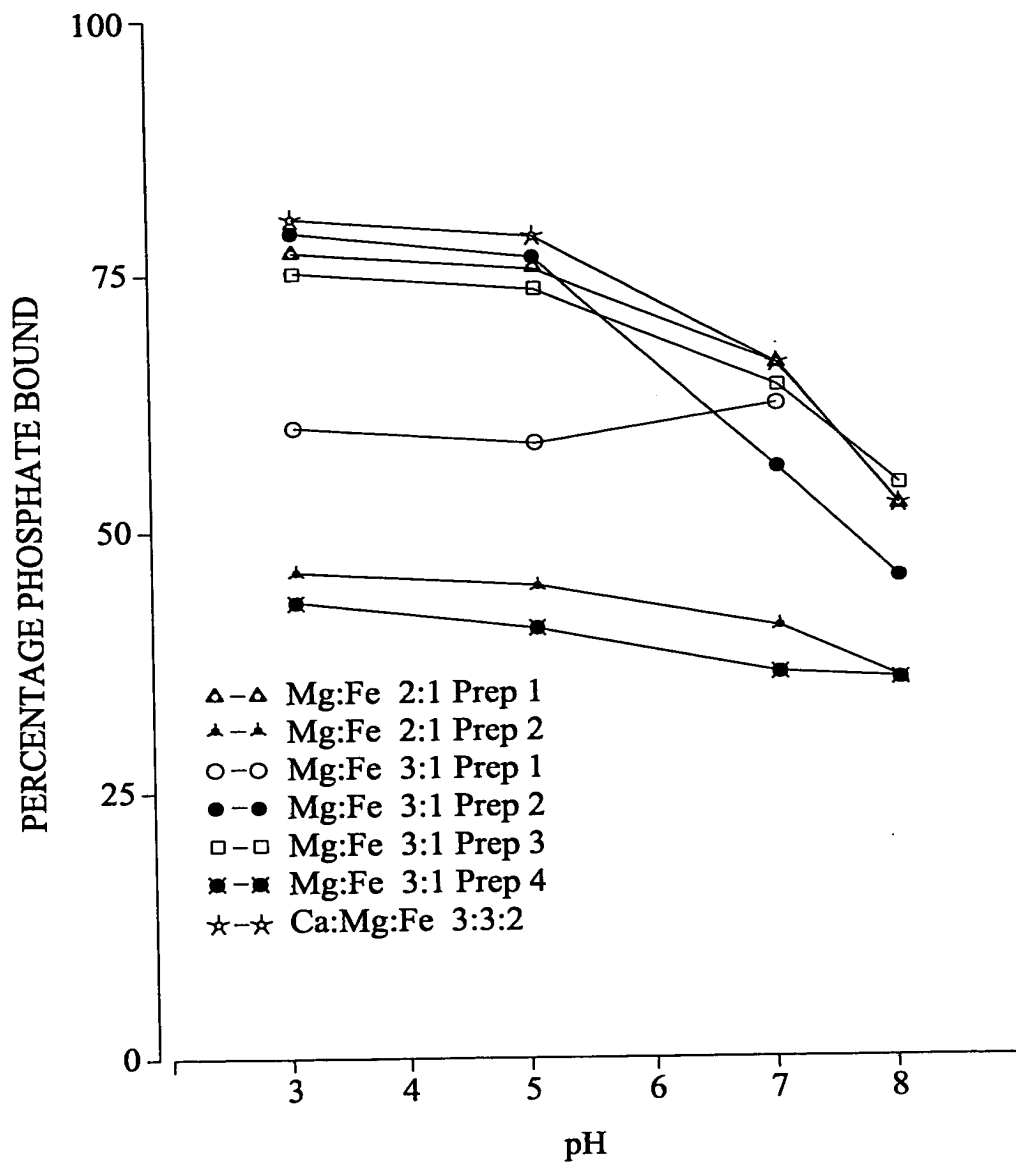


FIG. 8

Phosphate binding by aluminium hydroxide, magnesium hydroxide and calcium carbonate over the pH range 3-8

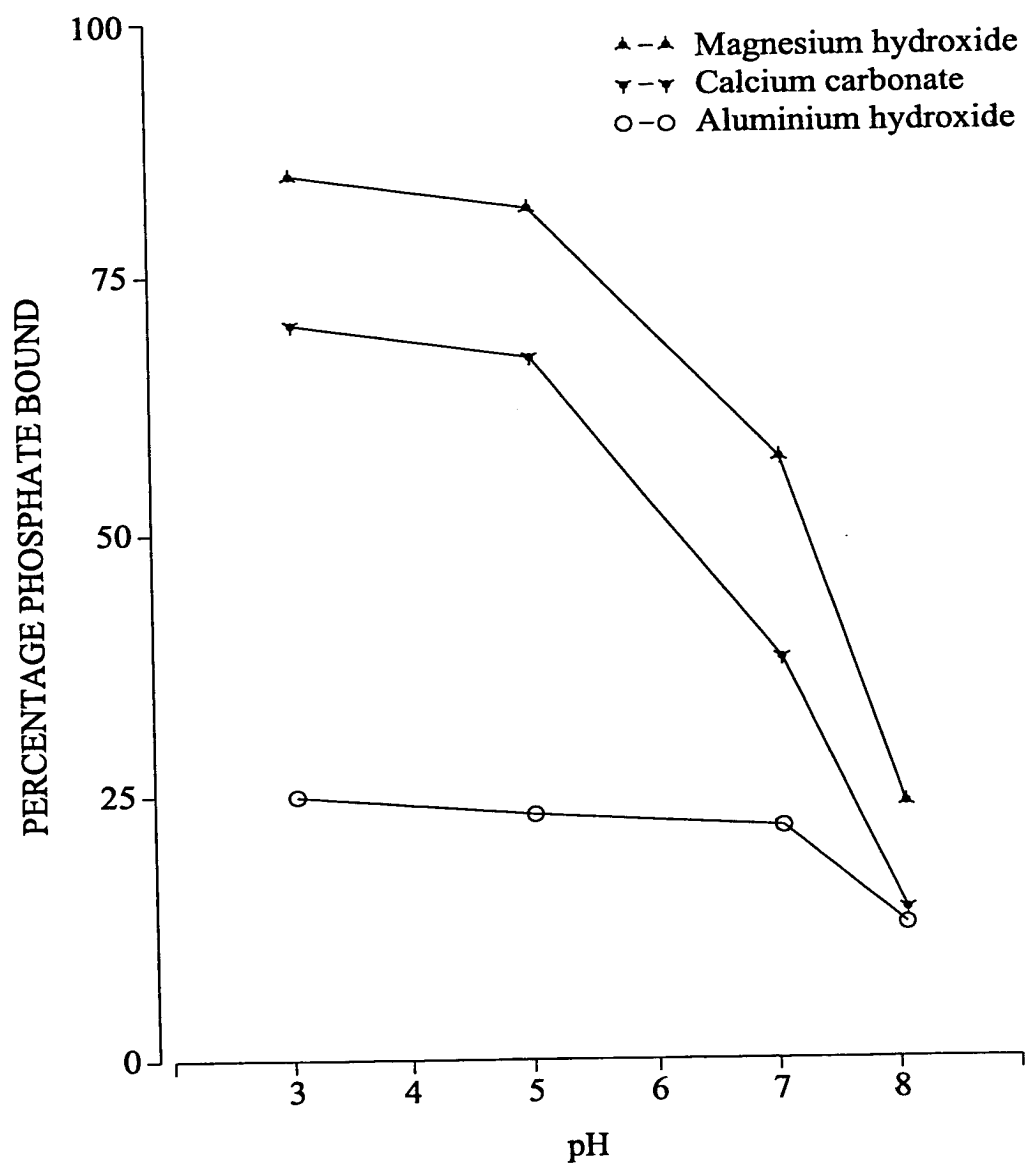


FIG. 9

Individual and mean (± 1 SEM) urinary phosphate excretion for control rats and those treated with phosphate binding compounds.

Individual values of urinary phosphate excretion ($\mu\text{mol}/24$ hours) were plotted for controls (Δ) and animals treated with $\text{Al}(\text{OH})_3$ (\blacksquare), CaCO_3 (\square), CTFeCa (\bullet), $\text{Mg}(\text{OH})_2$ (\circ), CT100 (\blacklozenge) and CTFeMg (\diamond). Mean (\pm SEM) for each group are presented by points with error bars. * $p < 0.05$ compared to $\text{Al}(\text{OH})_3$ treated animal groups.

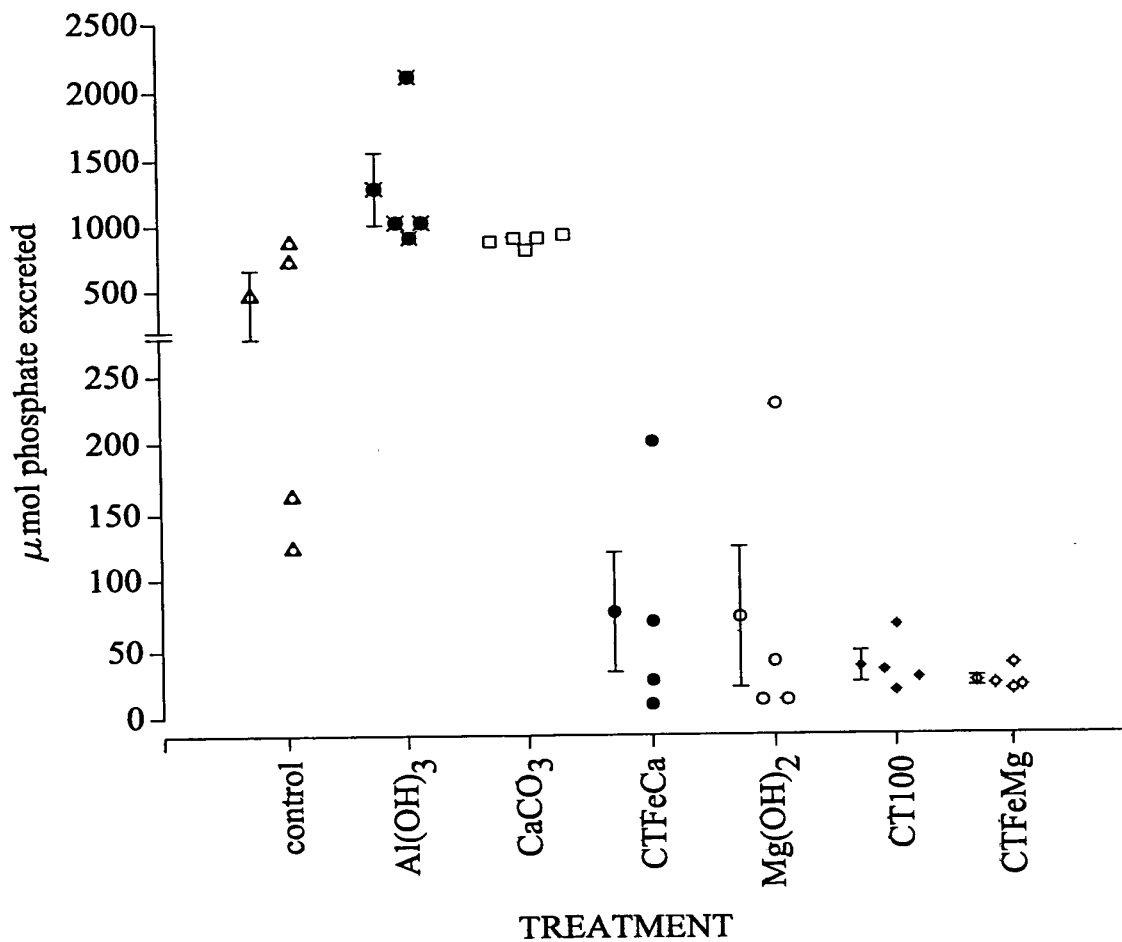


FIG. 10

Mean (+1SEM) soluble faecal phosphate (g^{-1} dry weight as a percentage of total soluble and insoluble) faecal phosphate (g^{-1} dry weight) for control rats and those treated with phosphate binding compounds.

* $p < 0.05$ compared to control and CaCO_3 treated animals

Δ $p < 0.05$ compared to CaCO_3 treated animals

